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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |  |  | Application Number       | 09/822,917     |
|  |  |  | Filing Date              | August 7, 2001 |
|  |  |  | First Named Inventor     | TAKAO KOJIMA   |
|  |  |  | Art Unit                 | 3882           |
|  |  |  | Examiner Name            | Chong Kim      |
| Sheet 1 of 1   |  |  | Attorney Docket Number   | 381NP/50284    |

| U.S. PATENT DOCUMENTS |              |                              |         |                                |  |   |
|-----------------------|--------------|------------------------------|---------|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No.† | Document Number              |         | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |              | Number-Kind Code* (if known) |         |                                |  |   |
| Ch                    |              | US-                          | 1120460 | 12-08-1914                     | DUNLAP et al.                                      |   |
|                       |              | US-                          |         |                                |  |   |
|                       |              | US-                          |         |                                |  |   |
|                       |              | US-                          |         |                                |  |   |
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|                       |              | US-                          |         |                                |  |   |
|                       |              | US-                          |         |                                |  |   |
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|                       |              | US-                          |         |                                |  |   |
|                       |              | US-                          |         |                                |  |   |
|                       |              | US-                          |         |                                |  |   |
|                       |              | US-                          |         |                                |  |   |

| FOREIGN PATENT DOCUMENTS |              |   |  |                                |  |   |    |
|--------------------------|--------------|---|--|--------------------------------|--|---|----|
| Examiner<br>Initials*    | Cite<br>No.† | Foreign Patent Document                     |  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T* |
|                          |              | Country Code*-Number*-Kind Code* (if known) |  |                                |  |   |    |
| Ch                       |              | JP 04-038600                                |  | 02-07-1992                     | mitsubishi electric corp.                          |   | AB |
| Ch                       |              | GB-452608                                   |  | 08-26-1936                     | W. ARKLEY  |   |    |
| Ch                       |              | EP-0909587-A1                               |  | 04-21-1999                     | ROVER GROUP LIMITED                                |   |    |
|                          |              |   |  |                                |  |   |    |
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| Examiner<br>Signature |  | Date<br>Considered | 10/28/04 |
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